

# eCAT

## Revolutionising Calibration Services

*Eurotherm offers professional services supported by leading industry expertise and is recognised in the market place for its comprehensive, high quality, responsive offerings. In the same way we develop our products to deliver leading, innovative solutions, it makes sense that we develop our services in the same way.*

*eCAT is a unique new tool for service engineers carrying out on-site calibration. Combined with EOS (Eurotherm Online Services), it shows Eurotherm leading the way in driving best operational efficiencies for its customers. It revolutionises the calibration process, significantly increases its efficiency and minimises the risk of human error - ensuring production quality and plant accreditation status is maintained.*

*The new tool has been reviewed and approved by UKAS (United Kingdom Accreditation Service) and has received very positive feedback from them.*

Standard Reading °C	Sensitivity Point	Selected
0.00	NO	YES
250.00	NO	YES
500.00	NO	YES
850.00	YES	YES
850.60	NO	YES
850.00	NO	YES
1200.00	NO	YES

Range Min Mid Point Max Unit  
Channel 0.0 1300.0 °C

Working 500.0 850.00 1200.0 °C

Sensitivity Point Required

-	7	8	9	←
+	4	5	6	CLR
E	1	2	3	Enter
:	0	.		

***eCAT replaces outdated paper systems and reduces the elapsed time taken to produce calibration certificates. In combination with EOS, certificates are made available on the day of calibration.***



- Unique, automated calibration tool
  - Validates data as it is entered
  - Reduces risk of human error
- Significantly higher efficiency for calibration services
  - Service engineer can publish calibration certificates on the day of calibration

manage  
analyse  
optimise

## Calibration is a vital part of plant operations

Where an instrument is carrying out an important measurement, periodic calibration is required to ensure that the measurements remain meaningful and, as such, the calibration process is a vital part of plant operations. For many industries, calibration is not only needed to ensure that a process stays within its specification to maintain quality, but is also a regulatory requirement and is necessary to maintain accreditation status of equipment and plants.

Traditionally, field calibration is carried out as a manual process, with measurements recorded on paper and then manually entered into the appropriate information system. From this data, a calibration certificate is generated. This is a slow process and prone to human error.

eCAT revolutionises this process with an automated system whereby calibration data is entered onto a mobile tablet device and automatically uploaded to EOS Advisor. EOS Advisor provides online management of calibration and accreditation information for a plant, ensuring audits run smoothly with quick and easy access to necessary certifications (TUS, SAT, NCR and Calibration). The total solution with eCAT and EOS Advisor gives customers complete peace of mind of correct and secure information vital to the running status of their plant.

This exciting new tool will be used as part of Eurotherm calibration services from the beginning of 2014 and offers huge benefits to customers who need to maintain their calibration and accreditation status.

***eCAT is a unique and leading product in the market place for calibration, delivering significantly increased benefit to Eurotherm calibration services.***

eCAT is a truly innovative and unique solution. In the autumn of 2014 eCAT will also be made available to customers and 3rd party calibration houses.



## Eurotherm: International sales and support

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